Author Index

Alonso, R., see Ferrer, E. 167
Archer, M. C., see Milligan, J. R. 481
Armstrong, D. W.
——, Spino, L. A., Han, S. M., Seeman, J. I. and Secor, H. V.
Enantiomeric resolution of nicotine and nicotine analogues by microcolumn liquid chromatography with β-cyclodextrin inclusion complexes 490
Bapat, B. V., see Panse, D. G. 456
Barcelo, A., Ros, see Ros Barcelo, A. 476
Baugh, P. J.
——, Casson, A., Jones, M. W. and Jones, A. C.
Sampling and injection system for the analysis of metalorganic chemicals by gas chromatography–mass spectrometry. Some initial results 445
Bhale, A., see Panse, D. G. 456
Bicchi, C.
——, Frattini, C. and Raverdino, V.
Considerations and remarks on the analysis of *Anthemis nobilis* L. essential oil by capillary gas chromatography and "hyphenated" techniques 237
Biondi, P. A.
——, Manca, F., Negri, A., Secchi, C. and Montana, M.
Gas chromatographic analysis of neutral monosaccharides as their O-pentafluorobenzyloxime acetates 275
Burke, T. R., Jr.
—— and Knight, M.
Counter-current chromatographic purification of [D-Ala^1]peptide T amide 431
Carstensen, J. T., see Ertel, K. D. 297
Casson, A., see Baugh, P. J. 445
Catz-Biro, L., see Milligan, J. R. 481
Chekroun, I., see Krstulović, A. M. 461
Cohen, K. A., see Eslami, M. 121
De Wit, J. S. M.
—— and Jorgenson, J. W.
Photoionization detector for open-tubular liquid chromatography 201
Dilli, S., see Robards, K. 1
Dinan, L.
Thin-layer chromatography of ecdysone acyl esters and their 2,3-acetonide derivatives 379
Dobránsky, T.
——, Polívka, Ľ., Haas, I., Sova, O. and Petrvalský, E.
Purification of α-amylase by industrial autofocusing 486
Döbeli, H., see Hochuli, E. 177
Doyle, E.
——, Pearce, J. C., Picot, V. S. and Lee, R. M.
Analysis of drugs from biological fluids using disposable solid phase columns 325
Dumont, P., see Goncalves, J. C. S. 472
Edkins, T. J., see Shelly, D. C. 185
Ertel, K. D.
—— and Carstensen, J. T.
Quantitative determination of octanoic acid by high-performance liquid chromatography following derivatization with 4-bromomethyl-7-methoxycoumarin 297
Eslami, M.
——, Stuart, J. D. and Cohen, K. A.
Improvement in the resolution of *o*-phthalaldehyde derivatized amino acids by applying gradient steepness optimization to five reversed-phase columns of different lengths and particle sizes 121
Ferrer, E.
——, Martin, M., Alonso, R. and Luque, J.
Separation by counter-current distribution of young-chick erythrocyte populations and numerical resolution of distribution curves 167
Folena-Wasserman, G.
——, Inacker, R. and Rosenbloom, J.
Assay, purification and characterization of a recombinant malaria circumsporozoite fusion protein by a high-performance liquid chromatography 345
Frattini, C., see Bicchi, C. 237
Fujimoto, C.
——, Yoshida, H. and Jinno, K.
Interfacing of inductively coupled plasma–atomic emission spectrometry to supercritical fluid chromatography for elemental detection 213
Fukuhara, T.
—— and Yuasa, S.
Rapid resolution of 2,4-dinitrophenyl-DL-amino acids on a native cellulose column 502
Furton, K. G., see Kersten, B. R. 43
Ganetsos, G.
Prediction of the distribution coefficient (K_d) variation with operating conditions in chromatographic systems 81
Gillessen, D., see Hochuli, E. 371

Goncalves, J. C. S.
——, Sclavons, M., Poupaert, J. H. and Dumont, P.
High-performance liquid chromatography of 1,2-diacyl-*rac*-glycerols and 1,3-diacylglycerols through chromogenic derivatization with 3,5-dinitrobenzoyl 472
Gumaste, V. K., see Panse, D. G. 456
Gyllenhaal, O.
——, Lamm, B. and Vessman, J.
Enantiomer separation of tocainide and some of its analogues and derivatives on a Chirasil-Val capillary column 285
Haagsma, N., see Van de Water, C. 415
Haas, I., see Dobránsky, T. 486
Hamano, T.
——, Mitsuhashi, Y. and Yamamoto, S.
Determination of hydrogen peroxide in beverages by high-performance liquid chromatography with fluorescence detection 423
Han, S. M., see Armstrong, D. W. 490
Harada, K.-I., see Ikai, Y. 313
Hashimoto, Y., see Moriyasu, M. 466
Hattori, T., see Yamada, H. 401
Hayashi, Y.
——, Shibazaki, T. and Uchiyama, M.
Resolution of overlapped chromatograms by the use of a Kalman filter. III. Effects of overlapping and outstripping of a solvent peak on the analysis 95
Hirose, A.
—— and Ishii, D.
Multiple detection system for the high-resolution microcolumn size-exclusion chromatographic separation of proteins with a slurry-packed capillary column 221
Hochuli, E.
——, Döbeli, H. and Schacher, A.
New metal chelate adsorbent selective for proteins and peptides containing neighbouring histidine residues 177
——, Gillessen, D. and Kocher, H. P.
Specificity of the immunoadsorbent used for large-scale recovery of interferon α-2a 371
Hoenders, H. J., see Van den Oetelaar, P. M. 507
Hogan, E. L., see Leskawa, K. C. 393
Holmbom, B., see Sjöström, J. 363
Ikai, Y., see Oka, H. 437
——, Oka, H., Kawamura, N., Yamada, M., Harada, K.-I. and Suzuki, M.
Improvement of chemical analysis of antibiotics. XIII. Systematic simultaneous analysis of residual tetracyclines in animal tissues using thin-layer and high-performance liquid chromatography 313
Inacker, R., see Folena-Wasserman, G. 345
Inagaki, K., see Oka, H. 437
Inoue, H., see Oka, H. 437
Isaksson, K.
Evaluation of a chemical reaction detector with electrochemical production of bromine for the liquid chromatographic determination of physostigmine 229
Ishii, D., see Hirose, A. 221
Jelínek, J., see Snopek, J. 153
Jinno, K., see Fujimoto, C. 213
Joelsson, M., see Johansson, G. 161
Johansson, G.
—— and Joelsson, M.
Effect of polymer structure on affinity partitioning of lactate dehydrogenase in polymer–water two-phase systems 161
Jones, A. C., see Baugh, P. J. 445
Jones, M. W., see Baugh, P. J. 445
Jorgenson, J. W., see De Wit, J. S. M. 201
Kai, M., see Nakano, M. 305
Kato, A., see Moriyasu, M. 466
Kawamura, N., see Ikai, Y. 313
——, see Oka, H. 437
Kersten, B. R.
——, Poole, C. F. and Furton, K. G.
Ambiguities in the determination of McReynolds stationary phase constants 43
——, see Shetty, P. H. 61
Kimura, K., see Uehori, R. 251
Kleinmann, I.
——, Svoboda, V. and Vočková, J.
Preparative separation of an enzymatic hydrolysate of ^{14}C-labelled proteins 335
Knight, M., see Burke, T. R., Jr. 431
Kocher, H. P., see Hochuli, E. 371
Kohara, N., see Sakamoto, M. 259
Krstulović, A. M.
——, Rossey, G., Porziemsky, J.-P., Long, D. and Chekroun, I.
Direct determination of the enantiomeric purity of (5*S*)-3-isopropyl-5-*p*-toluenesulphonyloxymethyloxazolidin-2-one on a cellulose-based chiral stationary phase. In-process control of a chiral intermediate used in the synthesis of enantiomerically pure *β*-blocking agents 461
Kudo, K., see Uehori, R. 251
Kuno, A., see Oka, H. 437
Lamm, B., see Gyllenhaal, O. 285
Lee, R. M., see Doyle, E. 325
Leskawa, K. C.
——, Schulte, B. A. and Hogan, E. L.
In situ visualization of glycosphingolipids on thin-layer chromatograms using lectin-peroxidase conjugates 393
Likhite, S. M., see Panse, D. G. 456
Long, D., see Krstulović, A. M. 461
Luque, J., see Ferrer, E. 167

Manca, F., see Biondi, P. A. 275
Mane, M. V., see Panse, D. G. 456
Martin, M., see Ferrer, E. 167
Masuko, F., see Sakamoto, M. 259
Mauri, P., see Pietta, P. 498
Mazsaroff, I.
——, Rounds, M. A. and Regnier, F. E.
Facile preparation of a non-porous strong anion-exchange column for proteins 452
Milligan, J. R.
——, Catz-Biro, L. and Archer, M. C.
Effect of phosphate concentration on the yield and purity of DNA separated from RNA by hydroxyapatite chromatography 481
Mitsuhashi, Y., see Hamano, T. 423
Montana, M. I., see Biondi, P. A. 275
Mori, S.
Comparison between size-exclusion chromatography and liquid adsorption chromatography in the determination of the chemical heterogeneity of copolymers 355
Moriyasu, M.
——, Kato, A. and Hashimoto, Y.
Kinetic study of fast equilibrium by means of high-performance liquid chromatography. XVI. Separation of tautomers of β-diketones and β-diketoamides 466
Muñoz, R., see Ros Barcelo, A. 476
Nagata, T., see Uehori, R. 251
Nakano, M.
——, Kai, M., Ohno, M. and Ohkura, Y.
High-performance liquid chromatography of N-terminal tyrosine-containing oligopeptides by pre-column fluorescence derivatization with hydroxylamine, cobalt(II) and borate reagents 305
Negri, A., see Biondi, P. A. 275
Nishimoto, M., see Sakamoto, M. 259
Noda, M., see Uehori, R. 251
Oetelaar, P. M. van den, see Van den Oetelaar, P. M. 507
Ohkura, Y., see Nakano, M. 305
Ohno, M., see Nakano, M. 305
Ohno, T., see Oka, H. 437
Oka, H., see Ikai, Y. 313
——, Ikai, Y., Kawamura, N., Yamada, M., Inoue, H., Ohno, T., Inagaki, K., Kuno, A. and Yamamoto, N.
Simple method for the analysis of food dyes on reversed-phase thin-layer plates 437
Pace, M., see Pietta, P. 498
Panse, D. G.
——, Bhale, A., Gumaste, V. K., Mane, M. V., Likhite, S. M. and Bapat, B. V.
Liquid crystals. VI. Comparative study of the supercooling effect of some liquid crystalline stationary phases using gas–liquid chromatography 456
Patsalides, E., see Robards, K. 1
Pearce, J. C., see Doyle, E. 325
Peltonen, K., see Pukkila, J. 409
Petrvalský, E., see Dobránsky, T. 486
Picot, V. S., see Doyle, E. 325
Pietta, P.
——, Mauri, P. and Pace, M.
High-performance liquid chromatographic assay of chymotrypsin and chymotrypsin-like enzyme activity 498
Pohl, C. A., see Rocklin, R. D. 107
Polívka, Ľ., see Dobránsky, T. 486
Poole, C. F., see Kersten, B. R. 43
——, see Shetty, P. H. 61
Porziemsky, J.-P., see Krstulović, A. M. 461
Poupaert, J. H., see Goncalves, J. C. S. 472
Pukkila, J.
——, Peltonen, K. and Savolainen, T.
Determination of melamine in air by high-performance liquid chromatography with ultraviolet detection 409
Rahman, Y. E., see Venkataram, S. 494
Raverdino, V., see Bicchi, C. 237
Regnier, F. E., see Mazsaroff, I. 452
Robards, K.
——, Patsalides, E. and Dilli, S.
Gas chromatography of metal β-diketonates and their analogues (Review) 1
Rocklin, R. D.
——, Pohl, C. A. and Schibler, J. A.
Gradient elution in ion chromatography 107
Ros Barcelo, A.
——, Muñoz, R. and Sabater, F.
Reaction of Fast Blue BB salt and *p*-dimethylaminocinnamaldehyde with indole-3-acetic acid degradation products. Evaluation of the coupling properties of the reagents used in the zymographic screening of indole-3-acetic acid oxidases 476
Rosenbloom, J., see Folena-Wasserman, G. 345
Rossey, G., see Krstulović, A. M. 461
Rounds, M. A., see Mazsaroff, I. 452
Sabater, F., see Ros Barcelo, A. 476
Sakamoto, M.
——, Nishimoto, M., Kohara, N. and Masuko, F.
Gas chromatographic and mass spectrometric behaviour of O-alkylserines as their N-trifluoroacetyl butyl esters 259
Savolainen, T., see Pukkila, J. 409
Schacher, A., see Hochuli, E. 177
Schibler, J. A., see Rocklin, R. D. 107
Schulte, B. A., see Leskawa, K. C. 393
Sclavons, M., see Goncalves, J. C. S. 472
Secchi, C., see Biondi, P. A. 275
Secor, H. V., see Armstrong, D. W. 490
Seeman, J. I., see Armstrong, D. W. 490

Shelly, D. C.
—— and Edkins, T. J.
Contribution to the packing of liquid chromatographic microcolumns 185
Shetty, P. H.
——, Youngberg, P. J., Kersten, B. R. and Poole, C. F.
Solvent properties of liquid organic salts used as mobile phases in microcolumn reversed-phase liquid chromatography 61
Shibata, T., see Wainer, I. W. 139
Shibazaki, T., see Hayashi, Y. 95
Sjöström, J.
—— and Holmbom, B.
Size-exclusion chromatography of deposits in pulp and paper mills 363
Smolková-Keulemansová, E., see Snopek, J. 153
Snopek, J.
——, Jelínek, J. and Smolková-Keulemansová, E.
Use of cyclodextrins in isotachophoresis. II. α-, β- and γ-cyclodextrins as leading electrolyte additives for the separation of *ortho*-, *meta*- and *para*-substituted halogenobenzoic acids 153
Sova, O., see Dobránsky, T. 486
Spino, L. A., see Armstrong, D. W. 490
Stiffin, R. M., see Wainer, I. W. 139
Stuart, J. D., see Eslami, M. 121
Svoboda, V., see Kleinmann, I. 335
Suzuki, M., see Ikai, Y. 313
Uchiyama, M., see Hayashi, Y. 95
Uehori, R.
——, Nagata, T., Kimura, K., Kudo, K. and Noda, M.
Screening of volatile compounds present in human blood using retention indices in gas chromatography 251
Van den Oetelaar, P. M.
—— and Hoenders, H. J.
Electrophoretic titration curve in 6 *M* urea of the bovine eye lens protein α-crystallin 507
Van de Water, C.
—— and Haagsma, N.
Determination of chloramphenicol in swine muscle tissue using a monoclonal antibody-mediated clean-up procedure 415
Venkataram, S.
—— and Rahman, Y. E.
High-performance liquid chromatographic analysis of desferrioxamine using a metal-free system 494
Vessman, J., see Gyllenhaal, O. 285
Vočková, J., see Kleinmann, I. 335
Wainer, I. W.
——, Stiffin, R. M. and Shibata, T.
Resolution of enantiomeric aromatic alcohols on a cellulose tribenzoate high-performance liquid chromatography chiral stationary phase. A proposed chiral recognition mechanism 139
Water, C. van de, see Van de Water, C. 415
Wit, J. S. M. de, see De Wit, J. S. M. 201
Yamada, H.
—— and Hattori, T.
Determination of molybdenum in soils and plants by high-performance liquid chromatography 401
Yamada, M., see Ikai, Y. 313
——, see Oka, H. 437
Yamamoto, N., see Oka, H. 437
Yamamoto, S., see Hamano, T., 423
Yoshida, H., see Fujimoto, C. 213
Youngberg, P. J., see Shetty, P. H. 61
Yuasa, S., see Fukuhara, T. 502